

SORSKIY, A.A.

"The mechanics of formation of minor structural forms in Archean Metamorphic Strata",  
[Mekhanizm obrazovaniya melkikh strukturnykh form v metamorficheskikh tolshchakh  
arkheya], Moscow, Izd. AN SSSR, 1952.

SORSKIY, A. A.

USSR/Geophysics - Seismology

Sep/Oct 52

"Brief Survey of the Seismicity of the Caucasus in Comparison With Its Tectonic Structure," V. V. Belousov, I. V. Kirilova, A. A. Sorskiy, Geophys Inst, Acad, Sci USSR

"Iz Ak Nauk SSSR, Ser Geofiz" No 5, pp 3-9

Authors conclude that epicenters of earthquakes are coordinated to zones sepg highlands and lowlands and also to transverse belts coinciding with the transverse anticlinal folds in the general structure of the Caucasus. Western Caucasus has less seismic activity than eastern Caucasus. Received 17 Jun 52.

226T60

SORSKIY A.A.: KIRILLOVA I.V.

Geology - Transcaucasia, Geology, Structural

"Baskal'skii" blanket in eastern Transcaucasia. Dokl. AN SSSR 83 No5, 1952  
Geofizicheskiy Institut Akademii Nauk SSSR rcd. 20 Feb. 1952.

SO: Monthly List of Russian Accessions, Library of Congress, August 1952 ~~1955~~, Uncl.

*SORSKIY, A. A.*

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,  
pp 34-35 (USSR) 15-57-1-247

AUTHORS: Sorskiy, A. A., Kirillova, I. V.

TITLE: Some New Data on the Tectonics of Southeastern Caucasus  
(The problem of the Baskal'skiy Blanket Layer) [Neko-  
toryye novyye dannyye po tektonike Yugo-Vostochnogo  
Kavkaza (K voprosu o Baskal'skom pokrove)]

PERIODICAL: Sov. geologiya, Nr 41, 1954, pp 102-114

ABSTRACT: The authors, in order to prove further their previously  
expressed views (Dokl. AN SSSR, 1952, Vol 33, Nr 5),  
present more complete data on the tectonics of the  
region of the so-called Baskal'skiy blanket deposit  
which lies between the Gerdyman-Chay and the Akhsu  
Rivers to the south of the Vandam anticlinorium. The  
views of N. B. Vassoyevich and V. Ye. Khain (Izv. AN  
SSSR, ser. geol., 1940, Nr 1) on the subject of the

Card 1/4

15-57-1-247

Some New Data on the Tectonics (Cont.)

surface structure of the region are presented briefly. The authors note the poor exposure and the wide distribution of landslides. The folds are similar in their trend to those elsewhere in the Caucasus: anticlines, as is usually the case, are compressed and narrow, the synclines are broad and flat. The faults are in the form of steep thrusts and are usually found in the north, but sometimes also in the south. The contact of the Upper Cretaceous Yamgadszkaya and Il'khidagzkaya series with the Maykop clays, located to the south of the Nialdagskiy Pass, lies along the fault line of one such steep thrust which dips to the south. This contact is taken to represent a rear border of the blanket deposits, but the proofs for this assumption are insufficient. A small anticline was located farther to the south; on its northern limb lie two mud volcanoes with their extruded materials containing the microfauna of the "koun". According to Vassoyevich, the vent in one of these volcanoes cuts through the Cretaceous strata of the blanket and reaches downward into the autochthonous Paleogene. If such is the case, then it is impossible

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15-57-1-247

Some New Data on the Tectonics (Cont.)

<sup>1</sup>inskaya  
Izmail subzone, the section of which may be very similar to that of the Dibrarskiy section. Moreover, the authors have found the Sarmatian and the Pontian deposits in the synclines of the "blanket". This negates the possibility of the overthrust having originated in the post-Pontian time out of the Dibrarskaya zone, which represented the region of erosion in both the Sarmatian and the Pontian time. The authors further discuss briefly possible conditions under which the overthrust might have been produced and finally conclude that the assumption of the overthrust structure of the Baskal'skiy region is erroneous.  
Card 4/4

D. A. T.

FD-1704

USSR/Geophysics - Seismicity

Sorskiy, A. A.

Card 1/1 : Pub. 45-4/12

Author : Sorskiy, A. A.

Title : Seismicity of the Region of Shemakha in Transcaucasia

Periodical : Izv. AN SSSR, Ser. geofiz., 34-44, Jan-Feb 1955

Abstract : The author describes and analyzes investigations of the earthquakes that occurred in the region of Shemakha of 13 May and 11 June 1952, and also the data on the destructive earthquakes of past years. On the basis of an analysis of the seismic activity and general geological and geomorphological conditions in the region of Shemakha the author arrives conclusions concerning the seismicity of this region. Seventeen references; e.g. S. V. Medvedev, "Seismic intensity, in balls, as a function of ground conditions," Trudy Geofiz. in-ta, No 14 (141), 1952.

Institution : Geophysics Institute, Academy of Sciences USSR

Submitted : December 14, 1953

Sorskiy, A. A.

USSR/Geology - Tectonics

Card 1/1      Pub. 46 - 11/21

Authors      : Sorskiy, A. A.

Title        : On the tectonic "lenticularization" in sedimentary rocks

Periodical   : Izv. AN SSSR. Ser. geol. 1, 118-122, Jan-Feb 1955

Abstract     : A study is made of the phenomenon in sedimentary rocks whereby they have the appearance of separate lumps of material pressed together. This condition the author calls "lenticularization." It is particularly noticeable in the shale of the Caucasus region. The phenomenon is attributed to the irregular plastic flow of the rock material which was brought about by the action of tectonic pressure. Eight references: 6 USSR, 1 Swedish and 1 French (1914-1952). Illustrations, drawing.

Institution   : .....

Submitted    : December 16, 1953



Sorskiy, H.H.  
USSR/Geophysics / Structural geology

FD-2585

Card 1/1 Pub. 44 15/19

Author : Kirillova, I. V.; Sorskiy, A. A.; Ez, V. V.

Title : Letter to the editor

Periodical : Izv. AN SSSR, Ser. geofiz, <sup>no. 4</sup> Jul-Aug 55, 389-390

Abstract : The author found very interesting and urgent the article of G. I. Gurevich "So-called mechanical analysis in geological literature", which tries to show how geologists apply data of the exact sciences to the solution of certain problems of structural geology and from what principles they proceed. G. I. Gurevich clearly discloses the intolerable position created in the exposition and application of methods of mechanics and physics, and consequently also in the USSR; he clearly shows that the pseudoscientific "principles" of the mechanics of the deformable body, which are expounded in many words on structural geology, can find no application in geological practice, since they comprise only a scientific-like terminological shell in many works. The present author cannot agree with the assertion of the editors of this journal that G. I. Gurevich in effect accuses Soviet geologists with "knowingly refraining from the intelligent use of methods of physics and mechanics."

Institution :

Submitted :

Sorskiy, A.A.

USSR/ Geology

Card 1

Pub. 22 - 39/52

Authors : Sorskiy, A. A., and Kirillova, I. V.

Title : ~~Tectonic division of folded regions~~  
Tectonic division of folded regions

Periodical : Dok. AN SSSR 100/2, 347-349, Jan 11, 1955

Abstract : The problem of preparing tectonic maps of folded regions of the central part of western Caucasus is discussed. A method of drawing such tectonic maps is described. Five USSR references (1930-1954). Map.

Institution : Academy of Sciences USSR, Geophysics Institute

Presented by : Academician N. S. Shatskiy, October 11, 1954

SORSKIY, A.A.

Geotectonic history of the Great Caucasus in the Lower and Middle Jurassic period. Dokl. AN SSSR 104 no.3:466-469 S '55.(MLBA 9:2)

1.Geofizicheskiy institut Akademii nauk SSSR. Predstavleno akademikom N.M.Strakhovym.  
(Caucasus--Geology, Stratigraphic)

BRITSKE, E.V., akademik, redaktor [deceased]; LEONT'YEV, L.N., doktor geologe-mineralogicheskikh nauk; redaktor; LADYCHUK, L.P., redaktor; SORSKIY, A.A., redaktor; SOMOROV, B.A., tekhnicheskiiy redaktor.

[Geology and mineral resources of the central part of Northern Caucasus] Geologiya i poleznye iskopayemye sredianoi chasti Severnogo Kavkaza. Moskva, Izd-vo Akademii nauk SSSR, 1956. 285 p. (Caucasus--Geology) (MLRA 9:6)

SORSKIY, A.A.

SORSKIY, A.A.

History of the geotectonic development of the Greater Caucasus  
during the Jurassic period. Sov.geol. no.54:105-126 '56. (MLRA 10:9)  
(Caucasus--Geology, Structural)

SORSKIY A.A.

GOTSADZE, O.D.; KIRILLOVA, I.V.; KOGAN, S.D.; KUKHTIKOVA, T.I.;  
MALINOVSKAYA, L.N.; SORSKIY, A.A.; KEYLIS-BOROK, V.I.,  
doktor fiziko-matematicheskikh nauk, otvetstvennyy redaktor;  
ZAYTSEV, L.P., redaktor izdatel'stva; EZ, V.V., redaktor  
izdatel'stva; SHEVCHENKO, G.N., tekhnicheskii redaktor.

[Investigation of the mechanism of earthquakes] Issledovanie  
mekhanizma zemletriasenii. Moskva, Izd-vo Akademii nauk SSSR,  
1957. 148 p. (Akademiia nauk SSSR. Geofizicheskii institut.  
Trudy, no.40).

(MIRA 10:10)

(Seismology)

BELOUSOV, V.V., red.; KIRILLOVA, I.V. [translator]; ~~SOBSKIY, A.A.~~ [translator];  
ROMANOVICH, G.P., red.; BELOVA, M.A., tekhn. red.

[Problems in experimental tectonics; a collection of articles]  
[Translated from the English] Voprosy eksperimental'noi tektoniki;  
sbornik statei. S predisl. V.V. Belousova. Moskva, Izd-vo inostr.  
lit-ry, 1957. 190 p. (MIRA 11:7)

(Petroleum geology)

KIRILLOVA, I.V.; LYUSTIKH, Ye.N.; RASTVOROVA, V.A.; SORSKIY, A.A.;  
KHAIN, V.Ye.; BELOUSOV, V.V., otv.red.; EZ, V.V., red.izd-va;  
RYLINA, Yu.V., tekhn.red.

[Analysis of the geotectonic development and seismicity of  
the Caucasus] Analiz geotektonicheskogo razvitiia i seismich-  
nosti Kavkaza. Moskva, Izd-vo Akad.nauk SSSR, 1960. 339 p.  
(MIRA 13:10)

1. Chlen-korrespondent AN SSSR (for Belousov).  
(Caucasus--Geology, Structural) (Seismology)



S/519/60/000/008/014/031  
D051/D113

AUTHORS: Kirillova, I. V. and ~~Sorskiy, A. A.~~

TITLE: On the method of compiling a seismic zoning map on a 1:1,000,000 scale, the Caucasus region serving as an example

SOURCE: : Akademiya nauk SSSR. Sovet po seysmologii. Byulleten', no. 8, Moscow, 1960. Voprosy seysmicheskogo rayonirovaniya, 121-124

TEXT: The authors present for the Caucasus and adjacent territories a 1:1,000,000 scale map of seismic zoning which they consider as the first step in compiling a really valuable seismic map of this region, satisfying the needs of both civil and industrial engineering. The map is based on comprehensive research consisting in (1) an analysis of seismostatistical data, (2) an analysis and generalization of geological data, and (3) a generalization of data on ground and geomorphological conditions of populated places. In this way, the authors succeeded in compiling a map which does not only show zones of different seismic activity, but also population density, and, on the basis of rock types and relief characteristics, seven basic categories of geological engineering conditions. The seismic zones fall

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On the method of compiling a seismic zoning ...

S/519/60/000/008/014/031  
D051/D113

into three categories: areas of high, medium, and weak seismicity. Zones exhibiting a number of geological indices of tectonic processes, i.e. zones where two types of deep structures and faults usually intersect, were classified as areas of high seismicity. The second class covers areas where an activation of zones of deep faults, but mainly faults of one seismogenetic stage was observed. The earthquakes of these zones reached intensity 7. Areas of weak seismicity are characterized by the complete absence or extinction of the activity of zones of deep faults. The article contains a number of detailed seismic and structural characteristics of the Caucasus region. There are 3 figures. ✓

ASSOCIATION: Institut fiziki Zemli AN SSSR (Institute of Physics of the Earth, AS USSR).

Card 2/2

SORSKIY, A.A.

S/619/61/000/017/001/002  
D239/D302

AUTHORS: Medvedev, S.V., Bune, V.I., Vvedenskaya, N.A., GaySKIY,  
V.N. Kirillova, I.V., Nersesov, I.L., Riznichenko,  
Yu.V., Savarenskiy, B.F. and Sorskiy, A.A.

TITLE: Instructions for regional seismological summaries

SOURCE: Akademiya nauk SSSR. Institut fiziki Zemli. Trudy no.  
17 (184) Moscow 1961. Voprosy inzhenernoy seismologii  
no. 5, 128-145

TEXT: These instructions were confirmed by the director of the  
Institute of Geophysics AN SSSR, M.A. Sadovskiy, on February 27,  
1961. Their objective is clearly to secure a uniform system of  
recording all seismological data pertinent to building construc-  
tion, obtained in future in the USSR. The instructions are divi-  
ded into six parts, containing 64 numbered articles, the follow-  
ing being an indication of the scope of each part: 1) General

Card 1/3

Instructions for national... S/213/31/000/017/001/002

Section. This defines the scope and content of the work. The  
seismological map of the USSR is shown on a scale of 1:1,000,000.  
The map is intended to be used as a basis for the study of  
the epicentral zone and for the study of the seismicity.  
mental data on earthquakes. This is defined as data obtained  
now from both fixed and expeditionary stations as opposed to the  
study of past earthquakes. Methods of classification by magnitude,  
precision of epicentral location and frequency of recurrence  
are defined. 3) Engineering seismology. Under this heading is  
defined the format of an atlas of strong earthquake with isoseis-  
mals. This should be on a scale of 1:1,000,000. It is also  
hoped to include data on the energy density distribution of the  
frequency spectra. 4) Seismogeological data. Since some regulari-  
ty is discernible in the distribution of shocks, a "seismotek-  
tonic" map should be a possibility. This would be particularly  
helpful in regions where seismological data up to this time are

Card 2/3

Instructions for regional ...

S/619/61/000/017/001/002  
D239/D302

sparse. Gravitational data could also be useful here. 5) Procedures for making seismological summary maps and their documentation. These are to be of two types, corresponding to 1 and 3, above, i.e. seismological maps and maps of isoseismals showing energy and attenuation characteristics of the region. The way in which these should be prepared is described in considerable detail, together with some guidance about what is envisaged for the seismotektonic maps. 6) Arrangement, duration of and participants in the fulfillment of the project. The names and addresses of the participating institutions for each region are given; the end of the first term will be at the end of 1962. The map is expected from the AN SSSR (AS USSR) in 1963. There are 60 Soviet-bloc references

Card 3/3

PETRUSHEVSKIY, B. A., geolog; BELOUSOV, V. V., geolog; GZOVSKIY, M. V., geolg;  
GORYACHEV, A. V., geolog; KIRILLOVA, I. V., geolog; KRESTNIKOV, V. N.,  
geolog; RASTVOROVA, V. A., geolog; REZANOV, I. A., geolog; SORSKIY,  
A. A., geolog.

Geologic principles of seismis division into districts. Studiia  
astron seismol 6 no.2:181-186 '61.

1. Institut fiziki Zemli AN SSSR.

BELOUSOV, V.V., otv. red.; SORSKIY, A.A., otv. red.; KIRILLOVA,  
I.V., red. izd-va; FILIPPOVA, B.S., red. izd-va;  
DOROKHINA, I.N., tekhn. red.

[Crustal fold deformations, their types and the mechanism  
of formation] Skladchatye deformatsii zemnoi kory, ikh tipy  
i mekhanizm obrazovaniia; sbornik statei. Moskva, Izd-vo  
Akad. nauk SSSR, 1962. 333 p. (MIRA 15:11)

1. Akademiya nauk SSSR. Institut fiziki Zemli.  
(Folds (Geology))

SORSKIY, A.A.

Connection between the subsurface and surface structure of the  
Greater Caucasus. Sov. geol. 5 no.1:54-70 Ja '62. (MIRA 15:2)

1. Institut fiziki Zemli imeni O.Yu. Shmidta AN SSSR,  
(Caucasus—Geology, Structural)



ARSOVSKI M.; JUREKLI, A.A.

Tectonic conditions of the origination of a destructive earthquake  
in Skoplje (Yugoslavia), July 26, 1963. Biul. MGP. Otd.geol. 39  
no.5:31-47 S-O '64. (MIRA 18:2)

SORSKIY, A.A.

Inversion of the geotectonic conditions in the Caucasus in  
the Alpine cycle. Biul. MOIP. Otd. geol. 38 no.5:47-56  
S-0 '63. (MIRA 17:1)

MILANOVSKIY, Ye.Ye.; SORSKIY, A.A.

Out-of-town session of the Scientific Council in Tbilisi  
on the subject "Structure and Evolution of the Earth."

Izv. AN SSSR. Ser. geofiz. no.5:747-753 My '64.

(MIRA 17:6)

ACC NR: AT6034502

SOURCE CODE: UR/0000/66/000/000/0022/0034

AUTHOR: Sorskiy, A. A.

ORG: none

TITLE: An outline of the structure and the development of Caucasus in connection with its deep-seated structure

SOURCE: AN SSSR. Otdeleniye nauk o Zemle. Nauchnyy sovet po kompleksnym issledovaniyam zemnoy kory i verkhney mantii. Glubinnoye stroyeniye Kavkaza (Abyssal structure of the Caucasus). Moscow, Izd-vo Nauka, 1966, 22-34

TOPIC TAGS: earth crust, Mohorovicic discontinuity, granitic layer, ~~mountain tectonics~~ /Caucasus, Black Sea

ABSTRACT: The larger surface structures of the Caucasus are briefly described and compared with deep-seated structures. The structure of the Earth's crust in this region is very heterogeneous. The meganticlinoria of the Greater and Lesser Caucasus are characterized by higher than an average crustal thickness (55—65 km), while the crust within the intermontane troughs and foredeeps is 35—45-km thick. The thickness of the crust decreases toward the Black Sea and does not exceed 25—30 km at its center. The deep-seated structures strike in

Card 1/2

SORTA, R., inz.

Modern processes applied in British foundries. Tehnika Jug  
17 no.5:Suppl. Masinstvo 11 no.5:915 My '62.

*SORTAN, V.*

HATINGANU, I.; SURIANU, P.; STRIMBU, I.; MARIN, F.; SORTAN, V.

Emphysematous disease (pulmonary emphysema) as a disease caused by strenuous exertion. Bul. stiint., sect. med. 9 no.1:35-44 1957.  
(EMPHYSEMA, PULMONARY, etiol. & pathogen.

strenuous work)

(OCCUPATIONAL DISEASES

emphysema, pulm.)

(WORK, inj. eff.

pulm. emphysema caused by strenuous work)

1ST AND 2ND ORDERS																										2ND AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																										E-2																									
<p><i>co</i></p> <p>Investigations on specific substances (residual antigens) of the anthrax bacilli. D. COMBESCO, E. SORU AND S. STAMATESCO. <i>Arch. roum. path. exp. microbiol.</i> 2, 201-312(1929).—A water-sol. substance having the properties of polysaccharides has been sepd. from <i>B. anthracis</i>. This substance is not toxic for white mice and guinea pigs, does not form antibodies and gives a pptn. with specific serums. The rotary power after hydrolysis is —20; it contains hexoses and pentoses. MARIN MARIN</p> <p><i>112</i></p>																																																			
<p>ASB-SEA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			

11a

Effect of some metals on the modified Hecht reaction.  
A. Siegler and E. Sam. *Arch. roumaines path. expil. microbiol.* 6, 210-22 (1943).—Normal human serum which has been subjected to the action of a small piece of Fe, Ni, Cu or Mn gives a pos. Hecht reaction. Normal human serum deprived of its proteins also gives a pos. reaction after contact with the same metals. This action is due to the metal ions and is sp. for human serum, i. e., for its complement.  
Marie Maxim

ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION



SORU, EUGENIA

4  
Nonspecific pharmacodynamic studies on enzymic activities. I. The influence of hyaluronidase on the activity of acetylcholine and adrenaline on frog heart. R. Brauner, Eugenia Soru, Gh. Cărbunescu, and Henrietta Vainer. *Comun. acad. rep. populare Româna* 2, 101-4 (1952).—Hyaluronidase (I) from testicles and from streptococci stimulates the action of acetylcholine (II) and adrenaline (III) on isolated frog hearts suspended in Ringer solution. The stimulating effect of I is higher with II than with III. Emmanuel Mandiner

SORU, E.

MD ✓ The action of nucleic acids on metabolic processes of various organs. The amino acids of tissue proteins. Paper partition chromatography. I. Kaplan-Banu, E. Soru, and I. Albrecht. *Comun. Acad. Rep. Populare Române* 2, 473-8 (1952).—Albino rats received parenterally ribonucleic acid (RNA) and deoxyribonucleic acid (DNA). The treated animals and a group of untreated ones for control purpose were killed, and their livers, brains, muscles and pancreases were hydrolyzed. The hydrolyzates of both groups of animals were sepd. by paper-partition chromatography and compared. All organs contain the following amino acids: cysteine, lysine, histidine, arginine, aspartic acid, serine, glycine, glutamic acid, alanine, proline, tyrosine, valine, methionine, phenylalanine, and leucine. One rose spot obtained with ninhydrin could not be identified. The RNA treated animals (I) contained less tyrosine in muscles than the untreated ones. There was more valine in the pancreases of the I than in the pancreases of the untreated and the DNA treated animals (II). The II showed more aspartic acid, serine, alanine, proline, and leucine in the brains, more tyrosine and leucine in the muscles and less leucine in the pancreas than the untreated ones. B. M.

SORU, EUGENIA

*Sorin  
Rumencu*

✓Chromatographic studies of viruses. The amino acid content of the polyhedral virus of the silkworm Bombyx Mori. Adellna Derevici, Eugenia Soru, and Henrietta Valner. *Comun. Acad. Rep. Populare Romane* 2, 645-8 (1952).—Purified viruses of the silkworm were hydrolyzed with acids and bases. The sepn. of the hydrolyzate was carried out by 1- and 2-dimensional chromatography and electrochromatography. Seventeen amino acids were isolated: cysteine, ornithine, aspartic acid, arginine, histidine, lysine, serine, glycine, glutamic acid, alanine, proline, tyrosine, methionine, phenylalanine, leucine, isoleucine, and tryptophan. It was concluded that the virus is a macromol. Emanuel Merdinger

MD  
②

BRAUNER, R.,; SORU, E.,; VAINER, H.,; DEMAYO, A.

The effect of a hyaluronidase-active testicular extract in  
rheumatism. Probl. reumat., Bucur. Vol. II.:167-199 1954.

(RHEUMATISM, ther.

testicular extract, hyaluronidase-active)

(RHEUMATIC HEART DISEASE, ther.

testicular extract, hyaluronidase-active)

(TESTES

extract, hyaluronidase-active, in ther. of rheum. dis.)

(TISSUE EXTRACTS, ther. use

testicular hyaluronidase-active extract, in rheum.  
dis.)

BRAUNER, R., prof. dr.; SORU, Eugenia, conf. dr.; VAINER, H.

Testicular hyaluronidase in therapy of rheumatism. Rev.st.med.,  
med.int., Bucur. 6 no.4:53-58 Oct-Dec 54.

1. Clinica I. Semeiologica, Spitalul Brincovenesc si Institutul  
"Dr. I.Cantacuzino," Bucuresti  
(RHEUMATISM, therapy  
hyaluronidase, testicular, results)  
(HYALURONIDASE  
testicular, ther. of rheum. dis.)

SORU, E.

Effect of medicated sleep on the formation of  
antienzymatic antibodies. p. 433. ACADEMIA  
REPUBLICH POPULARE ROMANE. Rumania.  
Vol. 5, no. 2, Feb. 1955.

SOURCES: EEAL LC Vol. 5, No. 11, August 1956.

SORU, Eugenia

IONESCU-MIHAIESTI, C., academician.; DIMBOVICIANU, Aristia.; EUGENIA,  
Soru.; GANCEVICI, Gh.; OPRESCU, C.C.

Chemical composition and biological properties of non-dialyzable  
polysaccharide fractions isolated from culture filtrates of tubercle  
bacilli of the H<sub>37</sub>v human type and the Vallee bovine type in  
synthetic medium. Stud. cercet. inframicrobiol., Bucur. 6 no.1-2:  
141-154 Jan-June 55.

(MYCOBACTERIUM TUBERCULOSIS

H<sub>37</sub>v human strain & Vallee bovine strain, polysaccharide  
fractions from culture filtrates)

(POLYSACCHARIDES

non-dialyzable fractions from culture filtrates of M.  
tuberc., chem. composition & biol. properties)

IONESCU-MIHAIESTI, C.,academician,; SORU, Eugenia.,; DIMBOVICEANU,  
Aristia,; PADURARU-DUMITRESCU, Maria,; WISNER, B.

Pathogenesis of tuberculosis. III. Study of the respiration and  
enzymatic complex of pathogenic and saprophytic Mycobacteria.  
Stud. cercet. inframicrobiol., Bucur. 6 no.1-2:155-186 Jan-June 55.

(MYCOBACTERIUM TUBERCULOSIS, metabolism  
oxygen consumption & enzyme activity)  
(MYCOBACTERIUM  
phlei, oxygen consumption & enzyme activity)  
(ENZYMES  
enzymatic activity of M. tuberc. & M. phlei)  
(METABOLISM  
oxygen consumption of M. tuberc. & M. phlei)



SORU, Eugenia.

An apparatus for filter-paper electrophoresis made with simple materials from any medical laboratory. Stud. cercet. inframicrobiol., Bucur. 6 no.1-2:225-229 Jan-June 55.

(ELECTROPHORESIS, apparatus & instruments  
appar. made from simple laboratory materials)

SORU, Eugenia; BARBER, Cella; ISTRATI, Maria; PADURARU-DUMITRESCU, Maria;  
PODHORSKI, Eugenia.

Effect of isonicotinic acid hydrazide on mycobacteria. I. Effect on the enzyme system and chemical structure of the Bacillus paratuberculosis Grassberger 55. Stud. cercet. inframicrobiol., Bucur. 6 no.3-4:533-564 July-Dec 1955.

(MYCOBACTERIUM

paratuberculosis, eff. of isoniazid on enzyme system & chem. structure)

(NICOTINIC ACID ISOMERS, eff.

isoniazid, on enzyme system & chem. structure of Mycobacterium paratuberculosis)

Soru, E.

✓ Contributions to the study of the antityphi-paratyphi vaccines. II. A comparative chemical study of the somatic antigens of *Salmonella typhi* (*S. typhosa*) extracts. B. Soru, C. Barber, S. Toma, V. Grigascu, and B. Bogdan. *Acad. rep. populare Romina, Studii cercetari chim.* 4, 243-63 (1956).—The authors show the results of the chemical analysis of antigens from a few strains of *S. typhosa* containing the O, O + Vi, O + Vi + H (Ty, Ty, O, Vi) antigen. Two different extrn. methods were applied and an antigenic component of complex chem. character was obtained. The chem. analysis has shown that it is composed of a complex polyside-protein-nucleic acid contg. some lipides. The analysis of each constituent shows some difference depending on the predominance of the antigen O or Vi, or the mode of extrn. The polyside constituent was analyzed by partition paper chromatography: for the strain with a predominance of antigen O the compn. is glucosamine 1.9-2.1, galactose 19.5-20.0, glucose 20.0-21.0, mannose 21.0-22.0, and rhamnose 23.0-23.0%. For the strain with a predominance of antigen Vi the compn. was solely of galactose 23.0-29.0, and glucose 17.0-18.0%. The protein analyzed qualitatively and quantitatively by partition paper chromatography does not show any differences. The nucleic acids were detd. by their ultraviolet spectra and direct analysis of the ribonucleic acid (RNA) and deoxyribonucleic acid (DNA). The antigen obtained by warm aqueous extrn. contains an av. of 24% DNA, and 21% RNA. By warm acid extrn. 4.5 DNA, and 23% RNA. Ribose was also found but only as a constituent of the nucleic acids. —Martha Arcos

Soru, Eugenia

✓ Oxidative metabolism of anaerobic microorganisms by triphenyltetrazolium chloride. Eugenia Soru and M. Sternberg. *Acad. rep. populare Romine, Stiinta cartezii chim.* 4, 263-70(1958).—The reduction of triphenyltetrazolium chloride (TTC) by some anaerobic bacteria: *Clostridium tetani*, *C. perfringens*, *C. novyi*, and *Vibrio septicus*, in the presence of different substrates (amino acids, sugars, keto acids, tetra-carbon diacids, amines, etc.) was studied. *C. perfringens* uses the largest spectrum of substrates for the reduction of TTC: amino acids (aspartic acid, glutamic acid, cysteine, histidine, methionine), sugars (glucose, galactose, ribose, arabinose, xylose, rhamnose, mannose, fucose, sucrose, lactose, maltose), acids (fumarate, lactate, malonate, succinate, pyruvic). *C. tetani* does not reduce TTC in the presence of amino acids, and *C. novyi* and *Vibrio septicus* do not reduce TTC in the presence of any of these substrates.

Martha Arons

IONESCU-MIHAIESTI, C.; DIMBOVICEANU, Aristia; SOHU, Eugenia; RADULESCU, Elena;  
BARBER, Cella; GANCEVICI, G.; OPRESCU, C.C.; FLECHNER, I.; STERNBERG, M.

Chemical and antigenic properties of protein fractions isolated from  
filtrates of cultures of tubercle bacilli of the human type H<sub>37</sub>v in  
Sauton's medium. Stud. cercet. inframicrobiol., Bucur. 8 no.1:85-94 1957.

(MYCOBACTERIUM TUBERCULOSIS, culture

human type H<sub>37</sub>v bact. cultured in Sauton medium, chem. &  
antigenic properties of protein fractions)

(ANTIGENS

antigenic properties of protein fractions of M. tuberc.,  
type H<sub>37</sub>v. cultured in Sauton's medium)

(PROTEINS 37

protein fractions of M. tuberc., type H<sub>37</sub>v, culture in  
Sauton's medium, chem. & antigenic properties)

IOJESCU-MIHAIESTI, C., Academician; DIMBOVICEANU, Aristeia; SORU, Eugenia;  
BARBER, Cela; RADULESCU, Elena; DUMITRESCU, Maria; WISNER, B.

Studies of murine tuberculosis bacillus (*Mycobacterium muris*;  
vole bacillus Wells). Bul. stiint. sect. med. 8 no.1:199-  
218 Jan-Mar 56.

(MYCOBACTERIUM

vole bacillus, growth & changes of composition in  
Sauton medium)

SORU, E.; NESTORESCU, N.; POPOVICI, M.; IONESCU, M.

A new test for differentiation of pathogenic staphylococci, the arginase test. Stud. cercet. inframicrobiol., Bucur. 8 no.3:395-409 1957.

(MICROCCUS PYOGENES

differentiation of pathogenic strains by arginase activity)

(AMIDASES, determination

arginase, in Micrococcus pyogenes, value in differentiation of pathogenic strains)

SORU, E.

Country : Rumania  
 Category : Microbiology. Microbes Pathogenic For Man and Animals.  
 Bacteria. Cocci.  
 Abs. Jour : Ref Zhur-Biol., No 23, 1958, No 103806  
 and Clesner)  
 Author : Soru, Eugenia; Toma, Ecaterina; Baldoiu, Coralia; Dimitriu  
 Institut. : Acad. RPR, medical section  
 Title : Enzymatic Splitting of Arginine as a Criterion of  
 Differentiation of Various Species of Streptococci. The  
 Use of Paper Chromatography as a Method of Studying the  
 Splitting of Arginine.  
 Orig. Pub. : Bul.stint.Acad.RPR, Sec.med., 1957, 9, No1, 179-190  
 Abstract : By means of the method of paper chromatography and  
 chemical methods a study was made of the changes in  
 arginine under the influence of Streptococcus viridans  
 and Streptococcus hemolyticus, which were in the resting  
 state. S. viridans did not produce any changes in argi-  
 nine, whereas hemolytic streptococci split arginine to  
 ornithine and ammonia by means of arginine dehydrase.  
 The hemolytic streptococci are divided into two groups  
 by authors: representatives of one group form only  
 ornithine and ammonia; those of the other, citrulline as  
 well. In the later case, the intensity of ornithine  
 production is inversely proportional to the intensity of  
 citrulline formation. The authors recommend the method

Card:

1/2

F-43

Category :  
 Abs. Jour : Ref Zhur-Biol., No 23, 1958, No 103805  
 Author :  
 Institut. :  
 Title :  
 Orig Pub. :  
 Abstract : nation of viruses adsorbed by bacteria/, which gives  
 (Cont.) a positive result in 80.4 percent of cases. The author  
 recommends this reaction as an auxiliar method for the  
 diagnosis of formes frustes of scarlet fever and scarlet-  
 fever anginas. Bibl. 28 titles.—V. V. Vlodayets.

Card:

2/2



EXCERPTA MEDICA Sec 4 Vol 12/6 Med. Micro. June 59

1663. AMINO-ACIDS AND TERMINAL N GROUPS OF SCARLATINA TOXIN -  
Les aminoacides et les groupements N-terminaux de la toxine scarlatineuse  
(toxine erythroge) - Soru E., Sternberg M. and Istrati M -  
ARCH. ROUM. PATH. EXP. MICROBIOL. 1957. 16/1 (88-93) Tables 1  
The toxin was obtained from the culture filtrate of strain NY<sub>5</sub> in cellophane pouches,  
by fractionated alcohol precipitation in the cold. The homogeneity of this toxin was  
tested by electrophoresis. The amino-acids isolated by paper chromatography  
were quantitatively determined as cadmium complexes. The values obtained in mg.  
per 100 ml. are: cysteine 8.0, glycocol 10.9, lysine 3.7, histidine 2.6, arginine 1,  
aspartic acid 20, glutamic acid 14, serine 5, proline 6.2, oxyproline 0.5, alanine  
11, valine 3, tyrosine 0.2, tryptophan 2, leucine 1.5, threonine 3, phenylalanine  
0.4. The N-terminal amino-acids were demonstrated as DNF amino-acids by  
paper chromatography. The principal N-terminal DNF amino-acid was alanine.  
(IV, 50)

SORU, E.

Transaminase of anaerobic bacteria. p. 49

Academiei Republicii Populare Romine. Institutul de Biochimie STUDII SI  
SERCIETAT DE BIOCHIMIE.  
Bucuresti, Rumania  
Vol. 1, no. 1, 1958

Monthly list of East European Accession Index (EEAI), LC Vol. 8, No. 11  
November 1959  
Uncl.

SORU, E. AND OTHERS

A chemical comparative study of tetanus toxins and antitoxins. p. 513.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE. Bucuresti, Rumania. Vol. 6, no 4, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

EXCERPTA MEDICA Sec 15 Vol 13/2 Chest Dis. Feb 50

471. CYTOCHROME OXIDASE AND RESISTANCE TO ISONIAZID OF MYCOBACTERIA (BCG STRAINS) - Cytochrome-oxydase et résistance à l'hydrazide de l'acide isonicotinique (INH) des mycobactéries (souches BCG) - Soru E., Istrati M. and Paraschivesco M. Inst. de Microbiol., Parasitol. et Epidémiol. 'Dr. I. Cantacuzino', Sect. de Biochim. Gén., Lab. d'Enzymol. et Sect. B.C.G., Bucarest - NATURWISSENSCHAFTEN 1958, 45/23 (578)

Graphs 1

The cytochrome-oxidase activity of a BCG strain adapted to 250 µg./ml. of isoniazid was found to be considerably lower than that of a sensitive BCG strain.

Lutz - Strasbourg (IV, 13 15)

BRAUNER, R., prof.; SORU, Eugenia, assist. prof.

The action of cytochrome C in cardiac failure. Rumanian M. Rev.  
no.2:18-21 Ap-Je. '60.

1. Corresponding Member of the R.P.R. Academy (for Soru).  
(HEART FAILURE, CONGESTIVE therapy) (CYTOCHROMES therapy)

SORU, Eudzhennia [Soru, Eugenia]; DAVIDESKU, Ivett [Davidescu, Yvette];  
TENESESKU, D. [Tanasescu, D.]

Studies on staphylokinase. II. Physicochemical studies on staphylokinase.  
Rev chimie 5 no.2:167-174 '60. (EEAI 10:4)

1. Laboratoriya po enzimologii Instituta "D-r I.Kantakuzino," Bukharest
2. Akademiya RNR, chlen-korrespondent Akademii RNR; Comite de redaction  
Revue de chimie, membre correspondant de l'Academie de la Republique  
Populaire Roumaine (for Soru)  
(Staphylokinase)

SORU, Eugenia; DAVIDESCU, Yvette; TANASESCU, D.

Studies on staphylokinase. II. Physicochemical studies on staphylokinase. Studii cerc chim 8 no.1:7-16 '60. (EEAI 9:8)

1. Membru correspondent al Academiei R.P.R. (for Soru). 2. Laboratorul de enzimologie al Institutului "Dr. I.Cantacuzino," Bucuresti.  
(Staphylokinase)

SORU, Eugenia; COMOROSAN, S.; BADANOIU, Al.

The diagnostic role of antienzymes. Antistaphylokinase in several skin diseases. Probl. ter., Bucur. 10 no.4:75-81 '60.

1. Membru corespondent al Academiei R.P.R. (for Soru).  
(KINASES, antagonists)  
(SKIN DISEASES, diagnosis)  
(STAPHYLOCOCCAL INFECTIONS, diagnosis)



BRAUNER, R., prof.; SORU, Eugenia, conf.; MINCU, Iulian, dr.; NEGROESCU, Victoria, chimista; HOANCA, O., dr.; BUZELAN, Aurica, laboranta.

Enzymological investigations in chronic hepatitis and liver cirrhosis.  
Med. intern., Bucur 12 no.11:1629-1644 N '60.

1. Lucrare efectuata in Clinica medicala a Spitalului "Brincovenesc" si Catedra de biochimie I.M.F., Bucuresti.  
(HEPATITIS blood) (LIVER CIRRHOSIS blood)  
(ENZYMES blood)

SORU, Eugenia; TANASESCU, D.; PARASCHIVESCU, Maria

The free intracellular amino acids and resistance of Mycobacterium tuberculosis BCG to streptomycin, PAS, and INH. Rev chimie 6 no.1: 153-157 '61.

1. Institut "Dr. I. Cantacuzino", Service de Biochimie generale.
2. Membre correspondant de l'Academie de la R.P.R. (for Soru).

BRAUNER, R., prof.; SORU, Ye. [Soru, E.], d-r; MINKU, Yu. [Mincu I.];  
NEGEYESKU, V. [Negescu, V.], kand.med.nauk; KHOANKA, O.  
[Choanca, O.], d-r (Bukharest)

Encymogram in chronic hepatitis and chirrhosis of the liver.  
Klin.med. no.7:27-39 '61. (MIRA 14:8)  
(LIVER--DISEASES) (ENZYMES)

SORU, Eugenia; IONESCU-STOIAN, Florica

Purification of the hyaluronic lyases by chromatography  
on the DEAD-Sephadex. Studii cerc biochimie 5 no.4:497-505  
'62.

1. Membru corespondent al Academiei R.P.R. (for Soru).

SORU, Eugenia; SZABADOS, Judith; TANASESCO, D.; PARASCHIVESCO, Maria

Oxidative phosphorylation in *Mycobacterium tuberculosis* BCG and its variants resistant to streptomycin, PAS and isoniazid. Arch. roum. path. exp. microbiol. 21 no.1:59-68 Mr '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" —Services de Biochimie et d'Immunochimie et du Vaccin B.C.G.  
(MYCOBACTERIUM BOVIS) (DRUG RESISTANCE, MICROBIAL)  
(ANTITUBERCULAR AGENTS) (ENERGY METABOLISM)

SORU, Eugenia; IONESCO-STOIAN, Florica

Contribution to the chemical study of hyaluronidases. Arch.  
roum. path. exp. microbiol. 23 no.3:783-790 S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service de  
Biochimie generale et d'Immunochimie, Bucarest.

CIPLEA, Al.Gh.; SORU, Eugenia; BANU, Ileana

Contributions to the study of the cytomorphological changes in Ehrlich's ascites carcinoma under the influence of ribonuclease and desoxyribonuclease. Stud. cercet. med. intern. 5 no.6:683-687 '64.

SORU, Eugenia; DIMA, V.F.; VOICULESCO, R.

Intracellular distribution of arginase (L-arginine-ureohydrolase EC 3.5.3.1) in staphylococci. Arch. Roum. path. exp. microbiol. 23 no.4:951-958 D '64.

1. Travail de l'Institut "Dr. I. Cantacuzino", Services de Biochimie generale et du Microscope electronique. Submitted June 13, 1964.



SMIRNOVA, V.F., inzh.; KUZ'MICHEV, F.I., kand.tekhn.nauk; Prinimali uchastiye:  
KUDRINA, L.P., starshiy laborant; SORULEVA, V.S.; PRISHCHEPO, Z.A.

Use of 4th grade rabbit pelts 'n felt manufacture. Nauch.-issl.  
trudy TSNIIShersti no.18:255-268 '63.

(MIRA 18:1)

1. Glavnyy inzhener Voskresenskoy fabriki (for Soruleva).

SORVACHEV, K.F.

Absorption of methionine, cysteine, and sodium sulfate by  
fish from water and their participation in metabolism.  
Vest.Mosk.un.Ser.6: Biol., pochv. 20 no.4:11-16 JI-Ag '65.  
(MIRA 18:12)

1. Kafedra biokhimii zhivotnykh, laboratoriya izotopov  
Moskovskogo universiteta. Submitted June 20, 1964.

SORVACHEV, K. F.

(Changes of  $\beta$ -alanine in the kidney tissue of rats. K. F. Sorvachev (Moscow State Univ.). *Biokhimiya* 18, 696-700 (1953).—Added to pH-buffered ground kidney-cortex tissue of the rat  $\beta$ -alanine forms  $\text{CO}_2$  and  $\text{NH}_3$  in an atm. of  $\text{O}_2$ . R action commences at the end of the 1st hr. of incubation and increases up to 4 hrs. The rate of formation of  $\text{NH}_3$  at the expense of  $\beta$ -alanine is about 20 times less when the tissue pulp is buffered with bicarbonate. Upon the addn. of phospho- $\beta$ -alanine to the cortex pulp, the high rate of  $\text{NH}_3$  formation is manifest within min. after incubation and proceeds equally in an atm. of either  $\text{O}_2$  or  $\text{N}_2$ . Ethylamine and hydroxyethylamine do not appear as intermediate products and do not undergo deamination. Chromatographic analysis indicated that  $\beta$ -alanine added to ground kidney cortex is reduced 10-15% during the 1st hrs. of incubation, which is in correspondence with the high formation of  $\text{CO}_2$  and  $\text{NH}_3$ . The nature of the substances formed during the process of  $\beta$ -alanine deamination by the kidney cortex and the mechanism of its action remain unexplained.

B. S. Levine

SORVACHEV, K. F.

"Effect of Ether Narcosis on the Distribution of Radio-phosphorus in the Liver, Kidneys and Blood of Rats," by K. F. Sorvachev, Chair of Biochemistry of Animals, Moscow University, Voprosy Meditsinskoy Khimii, Vol 2, No 4, Jul/Aug 56, pp 299-304

Characteristics of the absorption of radioactive phosphorus by tissues of internal organs of animals under ether narcosis were studied.

It was found that the functional state of the central nervous system in ether narcosis leads to a series of changes in phosphorus in liver tissue, the renal cortex, and the blood. High specific activity of the phosphoric acid-soluble fraction of the liver tissue and total blood phosphorus is noted. The inclusion of tracer phosphorus in erythrocytes and in the fraction of acid-soluble organic compounds of the renal cortex of rats is inhibited. (U)

Sum. 1360

SORVACHEV, K. F.

Electrophoretic study of the blood serum protein fractions of pond  
carp reared under different conditions [with summary in English].  
Zool.zhur. 36 no.5:737-741 My '57. (MIRA 10:7)

1. Kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo  
universiteta im. M.V. Lomonosova.  
(Blood proteins) (Carp) (Electrophoresis)

KORZHOV, V.A.; SORVACHEV, K.F.

Effect of stimulation of the central nervous system on the dynamics of inorganic phosphorus in the blood and tissues. Nauch. dokl. vys. shkoly; biol. nauki no.4:70-73 '59. (MIRA 12:12)

1. Rekomendovana kafedroy biokhimii zhivotnykh i laboratoriyey patofiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(PHOSPHORUS METABOLISM) (SOUND—PHYSIOLOGICAL EFFECT)

SORVACHEV, K.F.

Changes in serum proteins of the carp during hibernation [with  
summary in English]. Biokhimiia 22 no.5:872-878 S-O '57.

(MIRA 11:1)

1. Kafedra biokhimii zhivotnykh Miskovskogo gosudarstvennogo  
universiteta.

(BLOOD PROTEINS,

in carp in winter (Rus))

(FISH,

carp blood proteins in winter (Rus))

SORVACHEV, K.F.

Nitrogenous substances in muscles of one-year-old carp during hibernation. Biokhimiia 24 no.2:242-247 Mr-Apr '59. (MIRA 12:7)

1. Chair of Animal Biochemistry, the State University, Moscow.

(MUSCLES, metab.

nitrogen in carps during winter (Rus))

(NITROGEN, metab.

musc., in carps during winter (Rus))

(FISH,

carp, musc. nitrogen during winter (Rus))



SORVACHEV, K.F.

Nitrogen metabolism in fish muscles. Biokhimiia 24 no.3:  
489-495 My-Je '59. (MIRA 12:9)

1. Chair of Animal Biochemistry, the State University, Moscow.

(MUSCLES, metab.

nitrogen metab. in fish (Rus))

(FISH,

musc. nitrogen metab. (Rus))

(NITROGEN, metab.

musc., in fish (Rus))

ZADVOROCHNOV, S.F.; SORVACHEV, K.F.

Electrophoretic study of serum protein fraction in immunized breeder  
carps and their progeny. Biokhimiia 24 no.5:811-816 S-O '59.

(MIRA 13:2)

1. Laboratoriya ikhtiopatologii Vserossiyskogo nauchno-issledovatel'-  
skogo Instituta prudovogo rybnogo khozyaystva i Kafedra biokhimii  
zhivotnykh Gosudarstvennogo universiteta im. M.V. Lomonosova, Moskva.

(RUBELLA immunol.)

(VACCINATION)

(BLOOD PROTEINS)

(FISH dis.)

SORVACHEV, K.F.; BELOKOPYTOVA, O.V.

Absorption of inorganic carbon from the environment by fishes and its participation in metabolism. Biokhimiia 25 no. 3:459-464, My-Je '60.

(MIRA 14:4)

1. Isotope Laboratory, Faculty of Biology and Soil Sciences, State University, Moscow.

(FISHES—PHYSIOLOGY) (CARBON—ISOTOPES) (ABSORPTION(PHYSIOLOGY))

CHERBIN, V.; LEVCHEN, K.P.; SUKROVNIKOV, F.M.

Evaluation of Feeds for Cattle by their amino acid composition.  
Vestn. Khim. na. Ser. Biol. postr. 17 no.6:20-25 N-L 1966.  
(MIR 17:6)

1. Katedra khimii zhivotnykh Moskovskogo universiteta.

SORVACHEV, K.F.; ZADVOROCHNOV, S.F.; ISAYEV, F.A.

Immunization of fishes. Biokhimiia 27 no.2:202-207 Mr-Apr '62.  
(MIRA 15:8)

1. Chair of Animal Biochemistry, State University and the All-Russian Institute of Pond and Fish Economy, Moscow.  
(FISHES--DISEASES AND PESTS) (IMMUNOHEMATOLOGY)

SOPVACHEV, E.F.; MEDVEDKINA, G.A.

Nucleic acids in the offspring of carp obtained from hyperimmunized breeders. Vest. Mosk. un. Ser. 6: Biol. pochv. 18 no.3: 29-34, Ny-Je'63 (MORA 17:7)

1. Laboratoriya izotopov Moskovskogo universiteta.

SORVACHEV, Ya.N.

Our experience in operating traction substations with motor-driven generators. Elek. i tepl. tiaga 2 no.2:31 F '58. (MIRA 11:4)

1. Nachal'nik tyagovoy podstantsii, stantsiya Koyva, Sverdlovskoy dorogi.

(Electric railroads--Substations)

METERLKIN, O.A.; SORVACHEV, Ye.V.; SERGEYEV, V.A.; REZVYAKOVA, L.G.

Cultivation of hog cholera virus in a tissue culture of swine and rabbit. Veterinariia 40 no.2:74-78 F '63. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy virusologii i mikrobiologii.



SOPVACHEV, Ye.V.

Interference of the virus of hog cholera with other viruses in tissue culture. Report No.2: Determining the specificity of the interfering virus. Veterinariia 41 no.1:21-25 Ja '65.  
(MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy virusologii i mikrobiologii.

KRYUKOV, N.N.; SYURIN, V.N.; ZORINA, N.R.; SORVICHEVA, Z.L.; SURIN, B.I.

Diagnosis of African swine fever by the hemadsorption reaction in  
leucocyte cultures. Veterinariia 42 no.10:19-22 0 '65.

(MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
virusologii i mikrobiologii.

L 26729-66 EWT(1)/T JK

ACC NR: AP6003392 (A,N) SOURCE CODE: UR/0346/65/000/010/0019/0022

AUTHOR: Kryukov, N. N.; Syurin, V. N.; Zorina, N. R.; Sorvacheva, Z. L.; Surin, B. I.

ORG: All-Union Scientific Research Institute of Veterinary Virusology and Microbiology (Vsesoyuznyy nauchno-issledovatel'skii institut veterinarnoy virusologii i mikrobiologii)

TITLE: Diagnosis of African hog cholera<sup>LP</sup> by hemadsorption reaction in leukocyte cultures

SOURCE: Veterinariya, no. 10, 1965, 19-22

TOPIC TAGS: virus disease, ~~animal disease~~, ~~hog cholera~~, hog cholera, diagnostic ~~instrument~~ *medicine*

ABSTRACT: The report aims at familiarizing workers in veterinary laboratories with the method and technique of growing leukocyte cultures and performing the hemadsorption reaction developed by Malmquist and Hay (Amer. J. Vet. Res. 21, 104-108, 1960) and subsequently modified by Hess and De Tray, Sanchez Botija and Haskell Tubiash (ibid. 24, 99, 381-390, 1963) on the basis of literature and tests performed at the authors' laboratory. Hemadsorption reaction with subsequent cytopathic effect

Card 1/2

UDC: 619:616.988.27-093.35:636.4

L 26729-66

ACC NR: AP6003392

was observed in leukocyte cultures infected with African hog cholera virus; it may be successfully used for laboratory diagnosis and differentiation from the European disease form. Specificity of the hemadsorption is reliable. Positive results were obtained in a large number of tests with 2 strains, Lissabon and Kisantu (Congo). Orig. art. has: 4 figures.

SUB CODE: 06/ SUBM DATE: none/ OTH REF: 009

Card 2/2 *W*

DEDINETS, Ye.; SORVENKOV, I.

Right course. Okhr. truda i sots. strakh. 5 no.7:15 J1 '62.  
(MIRA 15:7)  
(KUYBYSHEV PROVINCE—INDUSTRIAL HYGIENE)

SORVENKOV, I.; SUKHORUKOV, Ya.

Don't be stubborn, Comrade Gavrilov! Sov.profsoiuzy 19 no.3:  
8-9 F '63. (MIRA 16:2)  
(Isset!—Crushed stone industry—Hygienic aspects)

SORVIK, R.

"Contact Equations", Elektrotek Tidsskr., 69, pp 120-5, 1949

B-72016

SORVIN, B.Ye., inzh.

New designs of foundations for horizontal oil tanks. Stroi. pred.  
neft. prom. 3 no.3:24 Mr '58. (MIRA 11:6)

(Tanks)



SORVIN, V.

Instrument designers in Kazan. NTO no.12:33 D '59 (MIRA 13:3)

1. Uchenyy sekretar' Tatarskogo oblastnogo pravleniya Nauchno-  
tekhnicheskogo obshchestva priborostroitel'noy promyshlennosti.  
(Kazan--Instruments)

*SORVIN YE*

SORVIN, Ye.; RACHENKO, V. (g. Fryazino, Moskovskoy oblasti).

Apparatus for measuring the filament voltage of high-voltage kenotrons.  
Radio no.1:44 Ja '58. (MIRA 11:1)

(Television--Apparatus and supplies)

8(1)

SOV/107-58-12-44/55

AUTHOR:

Sorvin, Ye.

TITLE:

The 6P18P Output Pentode (Vykhodnoy pentod 6P18P)

PERIODICAL:

Radio, 1958, Nr 12, pp 48-49 (USSR)

ABSTRACT:

The 6P18P bantam l-f pentode is intended for amplifying the l-f power in mains radio receivers and for use as the vertical sweep (output stage) in a television set. Its chief dimensions and basing are similar to the 6P14P tube referred to in "Radio, 1958, Nr 1". It has a heater oxide-coated cathode and three grids, whose cross sections are oval along the entire length of the working part of the cathode. The second grid, in contrast to the first, has a wide spacing of the spiraling, so that the part of its current in the cathode current is less than in normal l-f pentodes. The spacing of the third grid winding, which

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The 6P18P Output Pentode

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serves to suppress the dynatron effect, is wider still. As the surface of the cathode is sufficiently great, and the distance between the cathode and the control grid is small, the pentode has high mutual conductance. The design of the 6P18P valve differs from the PL-82, its closest non-Soviet counterpart, by the inclusion of shields placed along the inside of the mica glimmer as in the 6P14P valve. Operational tests and examination of the work of the 6P18P valve (also the 6P14P and the 6P1P and 6P6S beam pentodes), carried out in the Tsentral'noye byuro primeneniya elektrovakuumnykh priborov (Central Office for the Use of Electric Vacuum Devices), showed that the presence of these shields sharply reduced the emission from the mica glimmer and eliminated the well-known defect in the image of the "Temp-3", "Start", "Rubin", "Znamya" etc.

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The 6Pl8F Output Pentode

SOV/107-58-12-44/55

television sets, consisting of the appearance of one or more white bands caused by two or more of the raster lines being squeezed together. The pentode's basic parameters are given in tables 1 and 2, and Figures 1a, b give its basic static characteristics. Figure 2 shows the relationship of the basic parameters to the voltage of the input signal and the load resistance. There are 2 tables and 4 graphs.

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9(4)

SOV/107-50-2-39/55

AUTHOR: Sorvin, Ye.

TITLE: A Tube of the Type 6A3P (Lampa 6A3P)

PERIODICAL: Radio, 1959, Nr 2, pp 52-54 (USSR)

ABSTRACT: This is a description of the 6A3P tube performing a dual operation with a focusing electron beam. The tube may be used in amplitude limiters, in detectors of frequency phase modulating signals and also in coincidence cascades of computing machines. Furthermore, the 6A3P tube may be used for detecting high-frequency signals. The tube has been tested in television receivers of the "Rekord" type, where it proved very satisfactory. It is recommended that the tube be utilized also in other television receivers. The new tube has an efficient cathode, a close relation exists between the conductance of the first and third

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A Tube of the Type 6A3P

grid; the interelectrode capacitance is small. The current of the first and third grid is very small and does not exceed 500 ma for the first and 300 ma for the third grid, even at 10 volts. There are 4 diagrams, 4 graphs, and 2 tables.

Card 2/2

YE A SCRVIN, A D AZAT'YAN, B A GOVOROV, V P RACHENKO, N K MYASNIKOV, L A LAMOVA,  
D I AGAFONOVA, and A I KABANOV

"Development of Recommendations on the Selection of Types of Electrovacuum  
Devices in Standard Circuits Used in Radio Engineering Apparatus and on the Pro-  
cedure for Determination of Optimal and Limiting Allowable Operating Conditions for  
Some Types of Receiver-Amplifier Tubes in Mass Production Which Have Prospects for  
these Applications" from Annotations of Works Completed in 1955 at the State Union  
Sci. Res. Inst. of Radio Engineering Ind.

So: B-3,080,964



SORVIN, Ye., inzh.; SHIGIN, A.

Device for measuring the filament voltage of high-voltage  
kenotrons. Radio no. 2:39-40 F '63. (MIRA 16:2)  
(Diodes) (Electron tubes—Testing)

SORVINA, G.N. (Moskva)

Study of morbidity of the population of the United States. Sov.zdrav.  
17 no.11:56-59 N'58 (MIRA 11:10)

1. Otdel statistiki Ministerstva zdravookhraneniya SSSR.  
(VITAL STATISTICS,  
morbidity in U.S. (Rus))

SORVINA, G.N.

Higher educational institutions of the Ministry of Public Health  
during the 1958-1959 school year. Sov.zdrav. 18 no.10:63-64 '59.  
(MIRA 13:2)

1. Iz otdela meditsinskoy statistiki Ministerstva zdravookhraneniya  
SSSR.

(SCHOOLS MEDICAL statistics)

Jul 53

SORVINA, L. YE.

USSR/Medicine - Dysentery

"The Problem of the Duration of the (Infectious) Dysentery Process," L. Ye. Sorvina,

S. L. Yagud

Zhur Mikro, Epid, i Immun, No 7, p 31

Investigation of children suffering from chronic dysentery showed that the duration of Flexner dysentery is longer than that of Sonne dysentery. Flexner dysentery bacilli are eliminated by the patients for a longer period than Sonne bacilli.

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